

Creating a Scenario Suitable for Multiple Caregivers

Authors: Doerr, Bacal, Hurst

Reviewers: Paul, McCulley

Introduction: The HPS can be utilized for the training of a wide variety of caregivers, ranging from physicians to laypeople. Methods: A single scenario was developed and adapted for a number of clinical scenarios and operational environments, ranging from in-flight to the immediate post-flight timeline. In this way, different caregivers, from astronauts to search and rescue forces to specialty-boarded physicians, could make use of a single clinical situation. Five crew medical officer analogs and sixty anesthesia residents, serving as flight surgeon analogs, and, were briefed on space medicine and physiology, then were exposed to the scenario and asked to manage the patient as if they were part of the in-flight or recovery team. Results: Basic themes, such as crisis resource management, were standard across the student audiences. Discussion: A single clinical script can easily be adapted for multiple uses.